

1/11

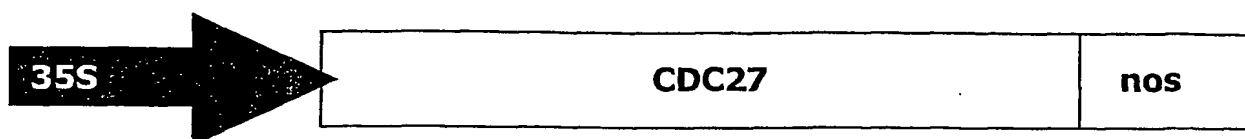


FIGURE 1

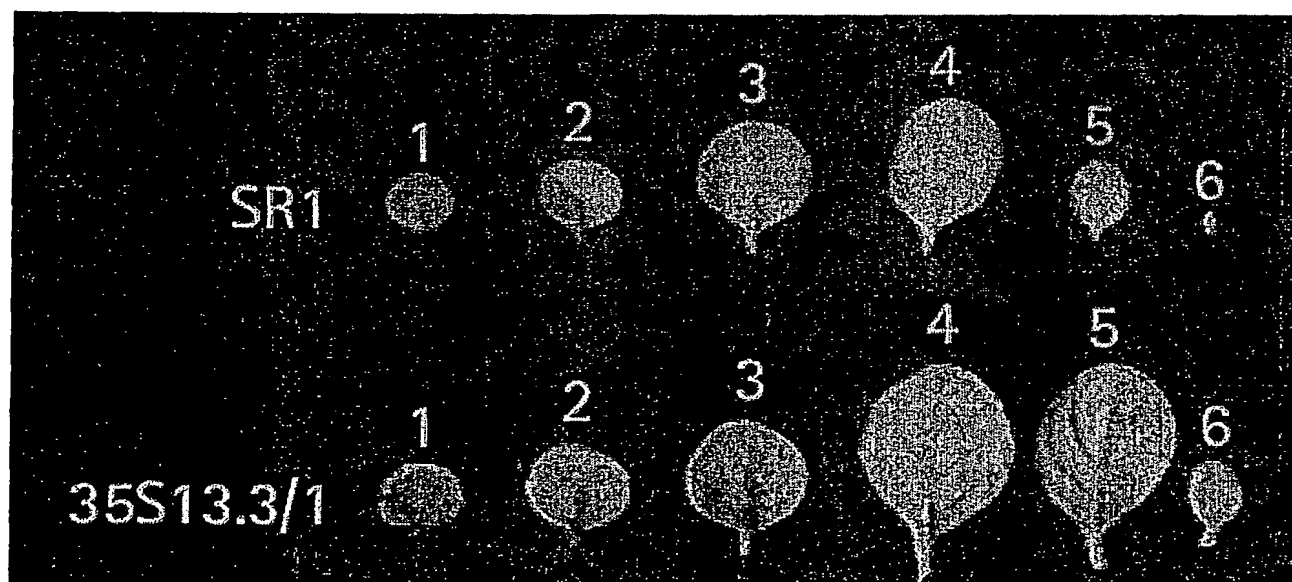


FIGURE 2

BEST AVAILABLE COPY

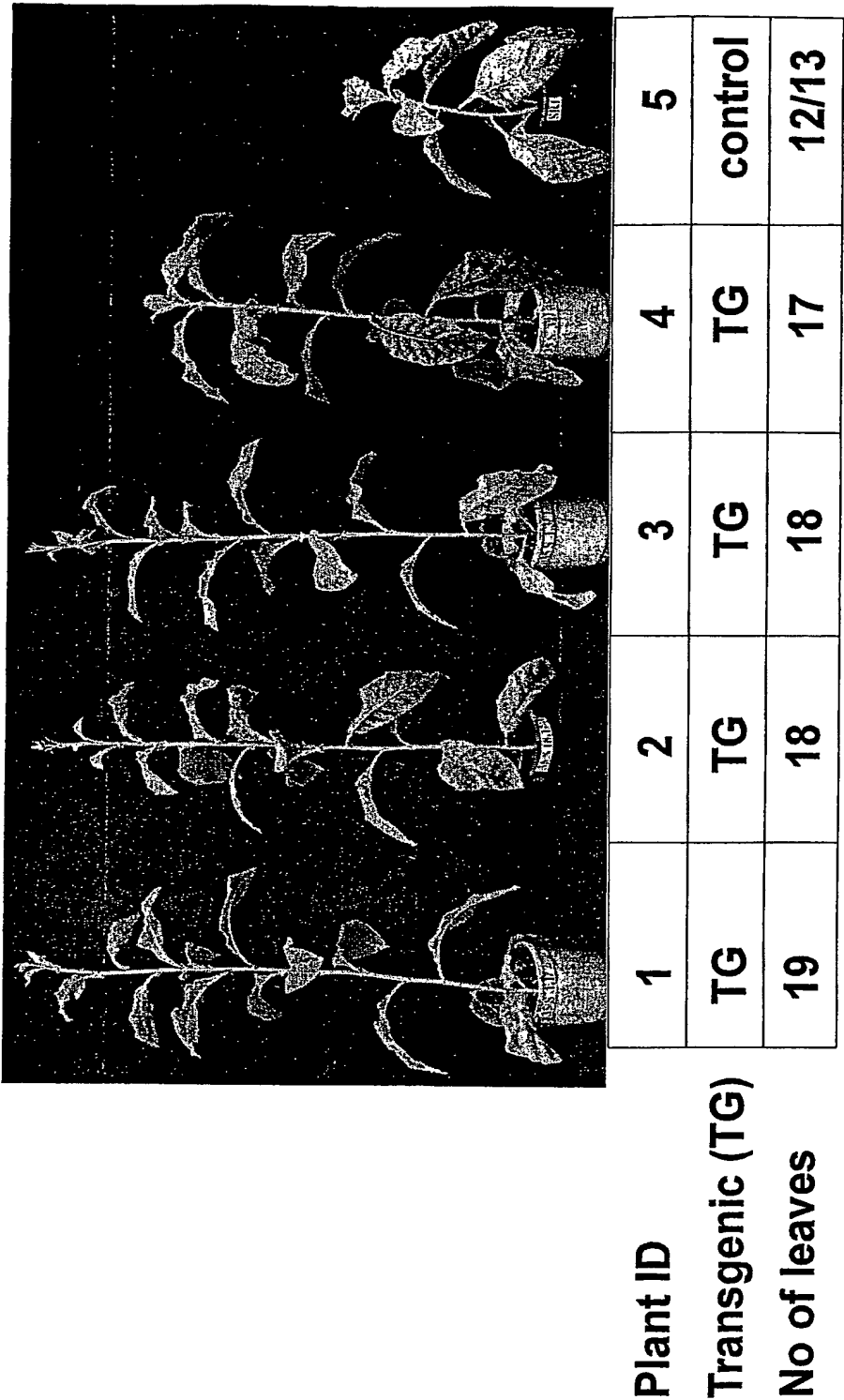
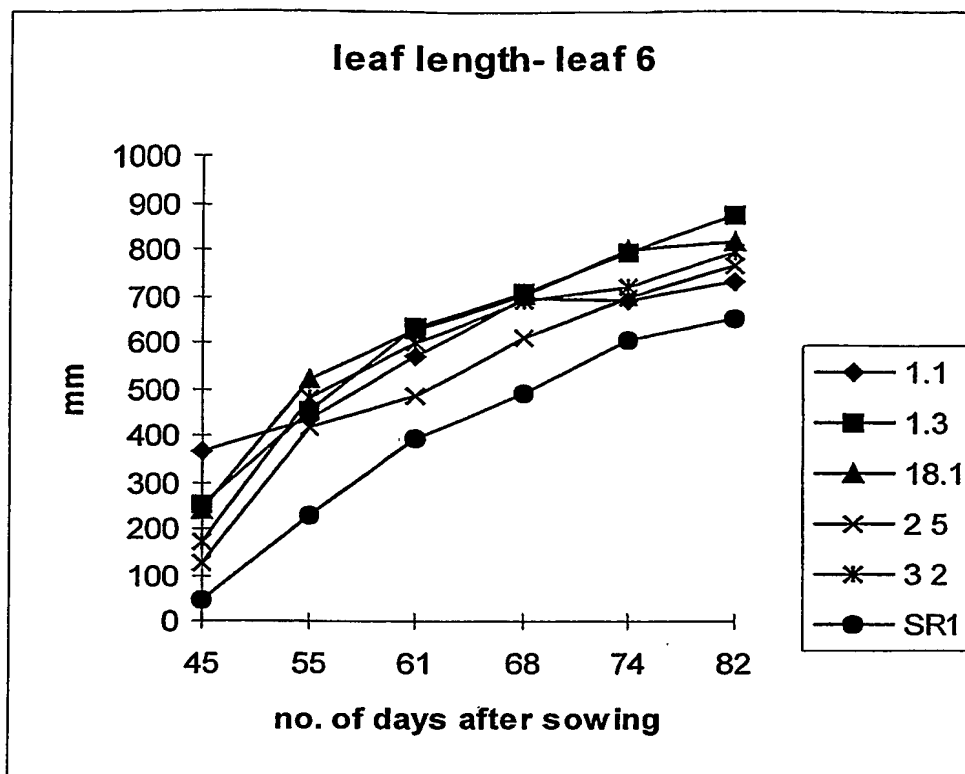
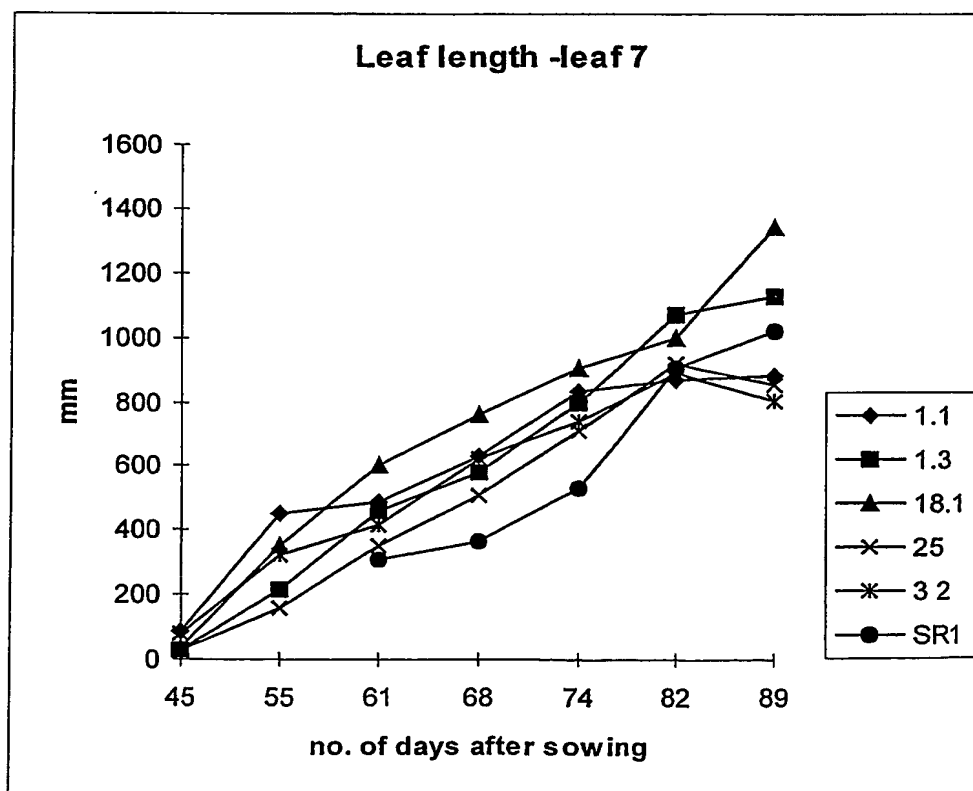
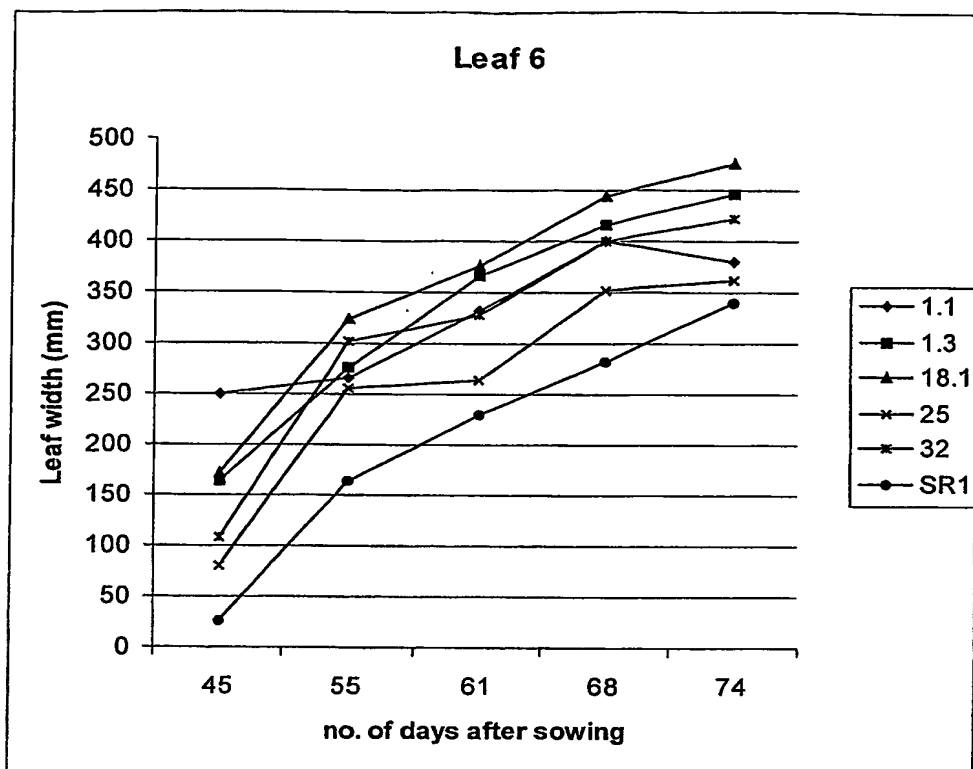
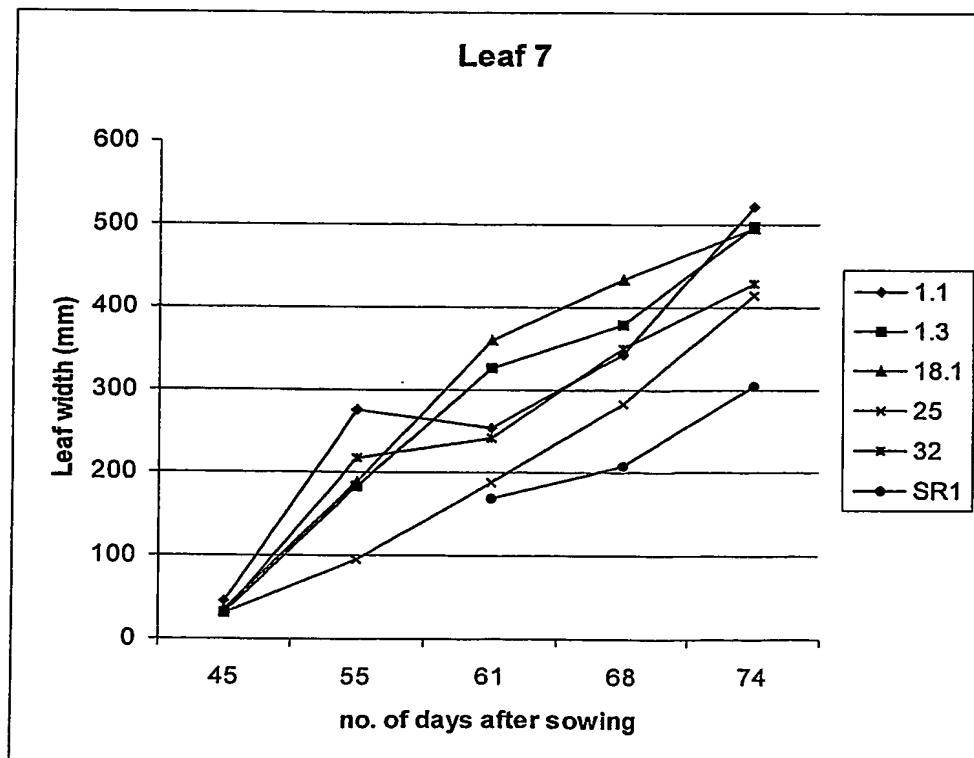


FIGURE 3

3/11

A**B****FIGURE 4**

4/11

A**B****FIGURE 5**

5/11

SEQ ID NO 1 cDNA *Arabidopsis thaliana* cdc27A1

ATGATGGAGAATCTACTGGCGAATTGTGTCCAGAAAAACCTTAACCATTTTTATGTTACCAA
TGCTATCTTCCTTTGCGAACTTCTTCTCGCCCAATTTCCATCTGAGGTGAACCTGCAATTGT
TAGCCAGGTGTTACTTGAGTAACAGTCAAGCTTATAGTGCATATTATATCCTTAAAGGTTCA
AAAACGCCTCAGTCTCGGTATTTATTTGCATTCTCATGCTTTAAGTTGGATCTTCTTGGAGA
GGCTGAAGCTGCATTGTTGCCCTGTGAAGATTATGCTGAAGAAGTTCTGGTGGTGCAGCTG
GGCATTATCTTCTTGGTCTTATATATAGATATTCTGGGAGGAAGAACTGTTCAATACAACAG
TTTAGGATGGCATTGTCAATTTGATCCATTGTGTTGGGAAGCATATGGAGAACTTTGTAGTTT
AGGTGCCGCTGAAGAAGCCTCAACAGTTTTCTCGGGAATGTTGCTTCCAGCGTCTTAAAACCTT
GTGTAGAACAAAGAATAAGCTTCTCAGAAGGAGCAACCATAGACCAGATTACAGATTCTGAT
AAGGCCTTAAAAGATACAGGTTTATCGCAAACAGAACACATTCCAGGAGAGAACCAACAAGA
TCTGAAAATTATGCAGCAGCCTGGAGATATTCCACCAAATACTGACAGGCAACTTAGTACAA
ACGGATGGGACTTGAACACACCTTCTCCAGTGCTTTTACAGGTAATGGATGCTCCACCGCCT
CTGCTTCTTAAGAATATGCGTCGTCCAGCAGTGGAAGGATCTTTGATGTCTGTACATGGAGT
GCGTGTGCGTCGAAGAACTTTTTTAGTGAAGAATTGTCAGCAGAGGCTCAAGAAGAATCTG
GGCGCCCGCGTAGTGCTAGAAATAGCAGCAAGGAAAAAGAATCCTATGTCGCAGTCATTTGGA
AAAGATTCCCATTTGGTTACATCTTTACCTTCCGAGTCAAACCTATGCACCTTCTCTTTCCTC
GATGATTGGAATATGCAGAATCCAAAGCAGCAAAGAAGCGATTCTGATACCGTTACTCTAA
ATGATCCAGCAACGACGTCAGGCCAGTCTGTAAGTGACACTGGAAGCTCTGTTGATGATGAG
GAAAAGTCAAATCCTAGTGAATCTTCCCGGATCGTTTCAGCCTTATTTCTGGAATTTTACA
AGTGCTAGGCATTCTGAAAATTCTTGGAGATGGCCACAGGCATTTACATATGTACAAGTGTC
AGGAAGCTTTGTTGGCATATCAAAAGCTATCTCAGAAACAATACAATACACACTGGGTTCTC
ATGCAGGTTGGAAAAGCATATTTTGAGCTACAAGACTACTTCAACGCTGACTCTTCTTTTAC
TCTTGCTCATCAAAAGTATCCTTATGCTTTGGAAGGAATGGATACATACTCCACTGTTCTTT
ATCACCTGAAAAGAAGAGATGAGGTTGGGCTATCTGGCTCAGGAAGTATTTTCAAGTTGATCGC
CTGTCTCCAGAATCCTGGTGTGCAGTTGGGAAGTGTACAGTTTGCGTAAGGATCATGATAC
TGCTCTCAAAATGTTTTCAGAGAGCTATCCAAGTGAATGAAAGATTACATATGCACATACCC
TTTGTGGCCACGAGTTTGCCGCATTGGAAGAATTTCGAGGATGCAGAGAGATGCTACCGGAAG
GCTCTGGGCATAGATACGAGACACTATAATGCATGGTACGGTCTTGGAATGACCTATCTTCG
TCAGGAGAAATTCGAGTTTGCGCAGCATCAATTTCAACTGGCTCTCCAATAAATCCAAGAT
CTTCAGTCATCATGTGTTACTATGGAATTGCTTTGCATGAGTCAAAGAGAAACGATGAGGCG
TTGATGATGATGGAGAAGGCTGTACTCACTGATGCAAAGAATCCGCTCCCCAAGTACTACAA
GGCTCACATATTAACCAGCCTAGGTGATTATCACAAGCACAGAAAGTTTTAGAAGAGCTCA
AAGAATGTGCTCCTCAAGAAAGCAGTGTCCATGCATCGCTTGGCAAATATACAATCAGCTA
AAGCAATACGACAAAGCCGTGTTACATTTTCGGCATTGCTTTGGATTTAAGCCCTTCTCCATC
TGATGCTGTCAAGATAAAGGCTTACATGGAGAGGTTGATACTACCAGACGAGCTGGTGACGG
AGGAAAATTTGTAGATTTTATTGTGCAGGTAATACACCAGATTATGTTTCTCATATAACCCAA
AGTCATCTGTAATTTTTCTCATCTTTAGATCAGTCTTGTGGACTAACCCTAAAACAAAACCTG
ATTATATAAACTTAGAGGGTAATATTACAGAAAATTGTATAGAGTTGGGTTTGAATTTTCAT
TTCTTTTCCAAGTTGGAACTTTTGTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAA

FIGURE 6

6/11

SEQ ID NO 2 protein Arabidopsis thaliana cdc27A1

MMENLLANCVQKNLNHFMFTNAIFLCELLLAQFPSEVNLQLLARCYSNSQAYSAYYILKGS
KTPQSRYLFAFSCFKLDLLGEAEAALLPCEDYAEVPGGAAGHYLLGLIYRYSGRKNCSIQQ
FRMALSFDPWCWEAYGELCSLGAAEEASTVFGNVASQRLQKTCVEQRISFSEGATIDQITDS
DKALKDTGLSQTEHIPGENQQDLKIMQQPGDIPNTDRQLSTNGWDLNTPSPVLLQVMDALP
PLLLKNMRRPAVEGSLMSVHGVRVRRRNFFSEELSAEAQEESEGRRRRSARIAARKKNPMSQSF
GKDSHWLHLSPSESNYAPSLSSMIGKCRIQSSKEVIPDVTVLNDPATTSGQSVSDIGSSVDD
EEKSNPSESSPDRFSLISGISEVLSLLKILGDGHRHLHMYKCQEALLAYQKLSQKQYNTHWV
LMQVGKAYFELQDYFNADSSFTLAHQKYPYALEGMDTYSTVLYHLKEEMRLGYLAQELISVD
RLSPESWCAVGNCYSLRKDHDALKMFQRAIQLNERNFTYAHTLCGHEFAALEEFEDAERCYR
KALGIDTRHYNWYGLGPTYLRQEKFEFAQHQQFQALQINPRSSVIMCYYGIALHESKRND
ALMMMEKAVLTDKNPLPKYYKAHILTSGLDYHKAQKVLEELKECAPQESSVHASLGKIYNQ
LKQYDKAVLHFGIALDLSPSPSDAVKIKAYMERLILPDELVTEENL

SEQ ID NO 3 Arabidopsis thaliana CDC27A2 cDNA

atgatggagaatctactggcgaattgtgtccagaaaaaccttaaccattttatgttcaccaa
tgctatcttctcttgcgaacttcttctcgcccaatttccatctgaggtgaacctgcaattgt
tagccaggtgttacttgagtaacagtcagcttatagtgcatattatctcttaaagggttca
aaaacgcctcagtcctcggtattttatgtcattctcatgctttaagttggatcttcttgga
ggctgaagctgcattgttgcctgtgaagattatgctgaagaagttcctgggtggtgcagctg
ggcattatcttcttgggtcttatatatagatattctgggaggaagaactgttcaatacaacag
tttaggatggcattgtcatttgatccattgtgttgggaagcatatggagaactttgtagttt
aggtgccgctgaagaagcctcaacagttttcggaatgttgcctcccagcgtcttaaaactt
gtgtagaacaagaataagcttctcagaaggagcaaccatagaccagattacagattctgat
aaggccttaaaagatacaggtttatcgcaaacagaacacattccaggagagaaccaacaaga
tctgaaaattatgcagcagcctggagatattccaccaaatactgacaggcaacttagtaca
acggatgggacttgaacacaccttctccagtgcttttacaggtaatggatgctccaccgcct
ctgcttcttaagaatatgcgtcgtccagcagtggaaggatctttgatgtctgtacatggagt
gogtgtgcgtcgaagaaacttttttagtgaagaattgtcagcagaggctcaagaagaatctg
ggcgccgcccgtagtgtgtagaatagcagcaaggaaaaagaatcctatgtcgcagtcatttgga
aaagattcccattgggttacatctttcaccttccgagtcacactatgcaccttctcttctc
gatgattggaaaatgcagaatccaaagcagcaagaagcaacgacgtcaggccagtcgtgtaa
gtgacactggaagctctgttgatgatgaggaaaagtcaaactcctagtgaatcttccccggat
cgtttcagccttattttctggaatttcagaagtgtcgaagcattctgaaaattcttggagatgg
ccacaggcattttacatatgtacaagtgtcaggaagccttgggtgcatatcaaaagctatctc
agaaacaatacaatacacactgggttctcatgcagggttgaaaagcatattttgagctacaa
gactacttcaacgctgactcttcttactcttgcctcatcaaaagtatccttatgctttgga
aggaatggatacactccactgttctttatcacctgaaagaagagatgaggttgggctatc
tggctcaggaactgatttcagttgatcgctgtctccagaatcctgggtgtgcagttgggaac
tggtacagtttgcgtaaggatcatgatactgctctcaaaatgtttcagagagctatccaact
gaatgaaagattcacatatgcacataccctttgtggccacgagtttgccgcatgtggaagaat
tcgaggatgcagagagatgctaccggaaggctctgggcatagatacgagacactataatgca
tggtacggctcttgggaatgacctatcttcgtcaggagaaattcgagtttgccgagcatcaatt
tcaactggctctccaaataaaatccaagatcttcagtcattcatgtgttactatggaattgctt
tgcatgagtcaaagagaaacgatgaggcgttgatgatgatggagaaggctgtactcactgat
gcaaagaatccgctcccccaagtactacaaggctcacatattaaccagcctaggtgattatca
caaagcacagaaagttttagaagagctcaaagaatgtgctcctcaagaaagcagtggtccatg

FIGURE 6 (continued)

7/11

catcgcttgaggcaaaatatacaatcagctaaagcaatacgacaaagccgtgttacatttcggc
attgctttggatttaagcccttctccatctgatgctgtcaagataaaggcttacatggagag
gttgatactaccagacgagctggtgacggaggaaaattttagatatttattgtgcaggttaata
caccagattatgtttctcatataacccaaagtcctgttaatttttctcatcttttagatcag
tcttgtggactaaccctaaaacaaaactgattatataaaacttagagggtaatatattacagaaa
attgtatagagttgggtttgaattttcatttcttttccaagttggaacttttgttcaaaaaa
aaa

SEQ ID NO 4 Arabidopsis thaliana CDC27A2 protein

MMENLLANCVQKNLNHFMTNAIFLCELLLAQFPSEVNLQLLARCYLSNSQAYSAYYILKGS
KTPQSRYLFAFSCFKLDLLGEAEAALLPCEDYAEVPGGAAGHYLLGLIYRYSGRKNCSIQQ
FRMALSFDPLCWEAYGELCSLGAAEEASTVFGNVAHQRLKTCVEQRISFSEGATIDQITDSD
KALKDTGLSQTEHIPGENQQDLKIMQQPGDIPNTDRQLSTNGWDLNTPSPVLLQVMDAPPP
LLLKNMRRPAVEGSLMSVHGVRVRRRNFFSEELSAEAQEESSGRRRSARIAARKKNPMSQSG
KDSHWLHLSPESENYPASLSSMIGKCRIOSSKEATTSGQSVSDTGSSVDDEEKSNPSESSPD
RFSLISGISEVLSILKILGDGHRHLHMYKCQEALLAYQKLSQKQYNTHWVLMQVGKAYFELQ
DYFNADSSFTLAHQKYPYALEGMDTYSTVLYHLKEEMRLGYLAQELISVDRLSPESWCAVGN
CYSLRKDHDITALKMFQRAIQLNERNFTYAHTLCGHEFAALEEFEDAERCYRKALGIDTRHYNA
WYGLGMTYLRQEKFEFAQHQFQLALQINPRSSVIMCYYGIALHESKRNDALMMMEKAVLTD
AKNPLPKYYKAHILTSGLGDYHKAQKVLEELKECAPQESSVHASLGKIYNQLKQYDKAVLHFG
IALDLSPSPSDAVKIKAYMERLILPDELVTENL

SEQ ID NO 5 Oryza sativa CDC27 cDNA partial

atggaaaccctaattggtggaccgcgtccacggcagcctccgcctcttcatgcaccgcaacgc
cgtcttctctctgcgagcgcctctgcgcccaggtcccccgcgagacaaatgtccagttgctag
caacttgctaccttcacaacaaccagccatattgctgcataccacatcttgaaaggaaagaag
ctgccagaggtcccggtacttgtttgctatgtcatgcttccgaatgaacctcttacgggaagc
tgaagaagccttgtgtcctgtcaatgaaccaaattattgaggttccaagtggtgcaacagggc
actaccttcttggagtaatttacagggtacactggcagagtggaagctgcagctgagcaattt
gtacaagctctgactcttgatcctcttctatgggcagcatacgaggaattgtgcatactagg
tggtgctgaagatgcaaatgaatgtttcagtgaaagcaacagctctacgtcttcagcaggaac
tcacatccacatcaaatgtggaaaagtcaaactttgttaattgaaaatcggtttctatcttcc
aatgtgtcagcaagttttggtgatagtcctaagcaaattaaacagctgcatgctaaccaccac
tgcagaagtattctggttatcctcatgtaaagtcaactgcattgcataatgcagaacgggtgcac
catctaattttatcacagtttgacactccatcgccaacttcaacgcagnnnnataatgtaact
tcaacttcgtcttctacaagtatagttgatggaagatatcccgagcaagagaaatctgaacg
agttctgtcacaggactccaaattagctatttggtatcaggagctaatggcactcttgcgga
cactaggggaagggtataggctttcttgcttggttaagtgtcaggaagcatttggaagtatat
agaaagctcccagaggcacaatttaatactggatgggttcttggccaggttgggaagacata
ttttgaactcgtcaattatttagaagccgatcatttttttgagttagcgcactatcac
catgcacggttgagggaatggacatttactccactgttctttatcatttgaaatgaggaaatg
cggctaagttaccttgctcaagatcttgtttctattgatcgactatctcccaagcatgggtg
tgctgtgggaattgctttgccttgaggaaagatcatgagactgccttgaagaattttcaac
gtgctgtacagcttgactcaagagttgcatacgcctcacacgctatgcggtcacgatataaaa
ctataccgatctgcacttcaggtagatgaaagacactacaatgcctgggtatggccttgaggt
ggtgtaccttcgccaggaaaagtttgagtttgctgagcatcatttcagaagggcattccaga

FIGURE 6 (continued)

8/11

taaatccttgctcttctgttcttatgtgctatcttgggatggccttgcatgctttaagagg
aatgaggaagccttggaatgatggagaaggctatatatttgctgataagaagaatccactccc
caagtatcaaaaggctttaatccttctaggcctacaaaaataccctgatgctctggatgagt
tggaacgggctaaaggaaattgcacctcatgaaagtagtatgtatgcatgcatgaggaaagatt
tacaagcaacttaacattcttgacaaggctgtattttgctttggcattgccctggatttgaa
acctcctgctgctgacgttgctataatacaatctgcaatggagaaagtacaccttccagatg
aacttatggatgatgatgatgatgatgatgagatttaagctcactccgaagaacagagggga
ggaaccaacattgattggcatgacctgtgcttg

SEQ ID NO 6 *Oryza sativa* CDC27 protein partial

METLMVDRVHGSRLRFMHRNAVFLCERLCAQFPFAETNVQLLATCYLHNNQPYAAYHILKGKK
LPESRYLFAMSCFRMNLLREAEALCPVNEPNIEVPSGATGHYLLGVIYRYTGRVEAAAEQF
VQALTLDPLLWAAEELCILGVAEDANECFSEATALRLQOELTSTSNVEKSNEFVNENRFLSS
NVSASFGDSPKQIKQLHANTTAEVSGYPHVKSTALHMONGAPSNLSQFDTSPSTSTQXXNVT
STSSSTSIVDGRYPEQEKSERVLSQDSKLAIGIRELMALLRTLGEGRYLSCLFKCQEALEVY
RKLPEAQFNTGWVLCQVGKTYFELVNYLEADHFFELAHRLSPCTLEGMDIYSTVLYHLNEEM
RLSYLAQDLVSIIDRLSPQAWCAVGNCFALRKDHETALKNFQRAVQLDSRVAYAH TLCGHDIK
LYRSALQVDERHYNAWYGLGVVYLROEKFEFAEHFFRRAFQINPCSSVLMCYLGMALHALKR
NEEALEMMEKAI FADKKNPLPKYQKALILLGLQKYPDALDELERLKEIAPHESMYALMGKI
YKQLNILDKAVFCFGIALDLKPPAADVAIIQSAMEKVHLPDELMDDDDDDDEI

SEQ ID NO 7 *Saccharum* sp. CDC27 partial nucleotide sequence

ggtcgacccacgcgtccgacccgacccctcccactgctgcgcctgccgcctgcgcttcggcca
ccgcacaacacttcccctcgctctcgcccgcccgcccgcgctcgccgcgcgcgcgcgcgcgcg
ggcggagatggaaaccctaattggtggacccgcgtccacagcagcctccgcctcttcatgcacc
gcaacgccgtattcctctgcgagcgcctctgcgcgcagttcccctccgagaccaatgtgcaa
ttgttagcgacctgctacctccacaacaatcagccatatgctgcataccacattttgaaagg
gaagaagctgccggagtcccggacttgtttgctacatcatgctttcgaatgaacctcttg
gtgaagcagaagaaactctatgtccagtcattgaaccaaactggaggttccaagtggagca
acaggacactacctccttgagtgatttacaggtgcacaggcagaatttcagctgcagctga
acaatttacacaagcgttgactctagatcctcttttatgggcggcatatgaggaattgtgta
tattaggtattgctgaagatactgatgagtggttttagtgtaatcgactgctctacgtctccag
caggaacacacatccacggccactctggtgaagtcgaacttcgccaatgaaaatcgagttct
atcatccagggctctctgcaaatcttggggatattagtcctaagcaaatcaaacagcttcatg
ctaacaacatagcagaagtatctggctatcctcatgtaagaccaactgcattgcatgtgcag
aacagttcaacctctaattgtagcacagtttgacaccccatcaccaactgcagcacagacttc
tagtatcatgccaccaccactctttaggaatgtccatgcttanattcaaattcaaatacctg
gggtttggagggaatggtacaggttattcgtcagggaaattgagagtaaaactcgtccacacc
atcaaaatggtgttaaccaccatacgttccgtgcaagttaggaaaggaaaaccacgggctac
agaaaattttgatgaaggaagtagatatgaagtcattgatgaaatgtggacagacaatatat
caggaacttcatcttctgtaagtacagctgatggaagatcctttgagcaagataaaagctgaa
cgaattctgttgcaagactccaaattggcacttggtattagggagatattgggacttggtccg
aacactcgggtgaaggttgtaggctttcttgcttggttaagtgccatgaagccttggaagtct
acagaagactccctgagaccatntagcactggatggagcatatgccaggttggttaaggca
tatttcgaattagttgattatttggaagctgatcggttactttgaattggcacaccgactgtc

FIGURE 6 (continued)

9/11

gccttgtagcgttgatggaatggacatctattctactgttctttatcatctgaatgaggaaa
tgagactaagctaccttgctcaagagcttatttccattgatcgactatctcctcaagcatgg
tgtgcagtgggcaattgctttgccttgaggaaagatcatgagactgctttgaagaattttca
acgttcggtacagcttgactcaagatttgcatatgctcacactctatgtgggtcatgagtatt
ctgcattggaggattatgagaatagtatcaaattctaccggtgtgcactgcaggtagatgaa
aggcactacaatgcctgggtatggccttgggggtgggtgtatcttcgccaggaaaagtntgagtt
tgctgagcatcatttcagaagggcatttcagataaatcctcgctcttctgttctcatgtgct
atcttgggatggcgttgcatctcttaagaggaaggaggaggcattggaaatgatggagaaa
gctatagcagctgataagaagaatccactgcccaagtatcagaaggccttaatccttctagg
tcttcagaagtatcaagaagctctggatgagttggagcggctaaaggagattgcacctcatg
agagcagtatgtatgcactgatgggaaagatttacaagcaactcaatatccttgacaaagct
gttttctgctttggcattgccctggatttgaaacctcctgctgctgatcttgctataattaa
gtccgcaatggagaaagtacatctcctgatgaactgatggaggatgacctgtaagttcgct
caagcacagtggagaaaggaacatttacttcgggtccatgatgctttgcttgcttcgtggt
cctggcctgcttaggcttctcaagtggaaactcagatcttgagctgtaccatcaaccatcca
gttttgtagatttagttgtagcctataatcagagaacacatgcgcagaagctgcagtagttt
aggactctgtacaagttgagcgttggcaaaatgacgcctgtaccattatacagttgtgatat
taacaaaacacatccttgtcaaataacggaaataatcaaaggatgaggatcctgctgattca
agcagattgtttgtcg

SEQ ID NO 8 *Saccharum* sp. CDC27 partial protein sequence

METLMVDRVHSSLRLFMHRNAVFLCERLCAQFPSETNVQLLATCYLHNNQPYAAYHILKGKK
LPESRYLFATSCFRMNLLREAEETLCPVNEPNMEVPSGATGHYLLGVIYRCTGRISAAAEQF
TQALTLDPLLWAAEELCILGIAEDTDECFSSESTALRLQOEHTSTATLVKSNFANENRVLSS
RVSANLGDISPQIKQLHANNIAEVSGYPHVRPTALHVQNSSTSNVAQFDTPSPATAQTSSI
MPPPLFRNVHAXIQIQIPGVWREWYRLFVREIASKLVHTIKMVLTTIRSVQVRKGKPRATEN
FDEGSRYEVIDEMWTDNISGTSSSVSTADGRSFEQDKAERILLQDSKLALGIREILGLVRTL
GEGCRLSCLFKCHEALEVYRRLPETHXSTGWSICQVGKAYFELVDYLEADRYFELAHRLSPC
TLDGMDIYSTVLYHLNEEMRLSYLAQELISIDRLSPQAWCAVGNCFALRKDHETALKNFORS
VQLDSRFAYAHTLCGHEYSALEDYENSIFKRYCALQVDERHYNWYGLGVVYLRQEKXEFAE
HHFRRAFQINPRSSVLMCYLGMALHSLKRKEEALEMMEKAIAADKKNPLPKYQKALILLGLQ
KYQEALDELERLKEIAPHESMYALMGKIYKQLNILDKAVFCFGIALDLKPPAADLAIKSA
MEKVHLPDELMEDDL*

SEQ ID NO 9 *Zea mays* EST nucleotide

ACAGCTTGACTCAAGATTTGCATATGCTCACACTCTATGTGGTCATGAGTATTCTGCACTGG
AGGATTATGAGAATAGTATCAAATTCTACAGATGTGCACTGCAGGTAGATGAAAGGCACTAC
AATGCTTGGTATGGCCTTGGGGTGGTGTATCTTCGCCAGGAAAAGTTTGAGTTTGCTGAGCA
TCATTTCAAGAGGGCATTTCAGATAAATCCTCGCTCTTCTGTTCTCATGTGCTATCTTGGA
TGGCCTTGCATTCTCTTAAGAGGAATGAAGAGGCACTGGAAATGATGGAGAAAGCTATAGCA
GCTGATAAGAAGAATCCACTGCCCAAGTATCAGAAGTCCTTAATTCTTCTAGGACTAATGAA
GTATGAAGAAGCTCTGGATGAGTTGGAGCGGCTAAAGGAGATTGCACCTCATGAGAGTAGTA
TGTATGCACTGATGGGAAAGATTTACAAGCAACTCAATATTCTTGACAAAGCTGTTTTCTGC
TTCGGCATTGCCCTGGATTTGAAACCACCTGCTGCTGATCTTGCTATAATTAAGTCCGCAAT
GGAGAAAGTACCTCGGCCGCGACCACGC

FIGURE 6 (continued)

10/11

SEQ ID NO 10 protein translation of Zea Mays EST

QLDSRFAYAHITLCGHEYSALDYENSIKFYRCALQVDERHYNAWYGLGVVYLRQEKFEFAEH
HFRRAFQINPRSSVLMCYLGMALHSLKRNEEALEMMEKAIADKKNPLPKYQKSLILLGLMK
YEEALDELERLKEIAPHESMYALMGKIYKQLNILDKAVFCFGIALDLKPPAADLAIKISAM
EKVPRP

SEQ ID NO 11 Sorghum bicolor EST BF657465 nucleotide:

CTCCACAACAATCAGCCATATGCTGCATACCACATTTTGAAAGGGAAGAAGATGCCGGAGTC
CCGGTACTTGTTTGCTACATCATGTTTTCGAATGAACCTCTTGCGTGAAGCAGAAGAACTC
TATGTCCAGTCAATGAACCAAACATGGAGGTTCCAAGTGGAGCAACAGGACACTACCTCCTT
GGAGTGATTTACAGGTGCACAGGCAGAATTTAGCTGCAGCTGAACAATTTACACAAGCGTT
GACTCTAGATCCTCTTTTATGGGCGGCATATGAGGAATTGTGTATATTAGGTATTGCTGAAG
ATACCGATGAGTGTTTTAGTGAATCGACTGCTCT

SEQ ID NO 12 protein translation of Sorghum bicolor EST BF657465

LHNNQPYAAYHILKGKKMPESRYLFATSCFRMNLLREAEETLCPVNEPNMEVPSGATGHYLL
GVIYRCTGRISAAAEQFTQALTLDPLLWAAEELCILGIAEDTDECFSSTA

SEQ ID NO 13 Triticum aestivum EST CD904062 nucleotide

ACCCACGCGTCCGCACGAATATTCTNGCATTGGAGGATTACGAGAACAGTGTTAAATTCTAC
CGATGTGCACTTCAGGTAGATGAAAGGCACTACAATGCCTGGTATGGGCTTGGAGTAGTTTA
CCTTCGCCAGGAAAAGTTTGAGTTTGCTGAGCATCATTTTAGAAGGGCATTTCAGATAAATC
CCCGCTCTTCTGTTCTTATGTGCTATCTTGGGATGGCCTTACATGCTCTAAAGAGAGATGAG
GATGCATTGGAGATGATGGAGAAAGCCATATTTTCTGATAAGAAGAATCCACTTCCTAAGTA
TCAGAAGGCTTTAATTCTGGTAGGCCTTCAAAAATATCAGGAGGCTCTGGATGAGTTGGAAC
GGCTAAGGGGAGATTGCACCTCATGAGAGTAGTATGTATGCACTTATGGGCAAGATATACAAG
CAACTCAATATTCTCGACAAGGCTGTATTTTGCTTTGGCGTTGCCCTTGATTTGAAACCTCC
CGCTGCCGACCTTGCTATAATCAAGTCTGCAATGGAGAAAGTACACCTTCCAGATGAACTGA
TGGAGGATGATGACCTGTAAGTTCACTTTAAAGCACAACTGAGAAATGGACATTTATTTCAG
ATCTATGAGTTTCTGCTTGTGCTTCCGAGTCATGGCCTGAATGTGCTTTCGGAGAGGAACTC
AGAGGTTGAAGGAAGCAAGCACATCATGCGGAA

SEQ ID NO 14 Protein translation of Triticum aestivum EST CD904062

ALEDYENSVKFYRCALQVDERHYNAWYGLGVVYLRQEKFEFAEHFRRAFQINPRSSVLMCY
LGMALHALKRDEDALEMMEKAI FSDKKNPLPKYQKALILVGLQKYQEALDELERLREIAPHE
SSMYALMGKIYKQLNILDKAVFCFGVALDLKPPAADLAIKSAMEKVHLPDELMEDD

FIGURE 6 (continued)

11/11

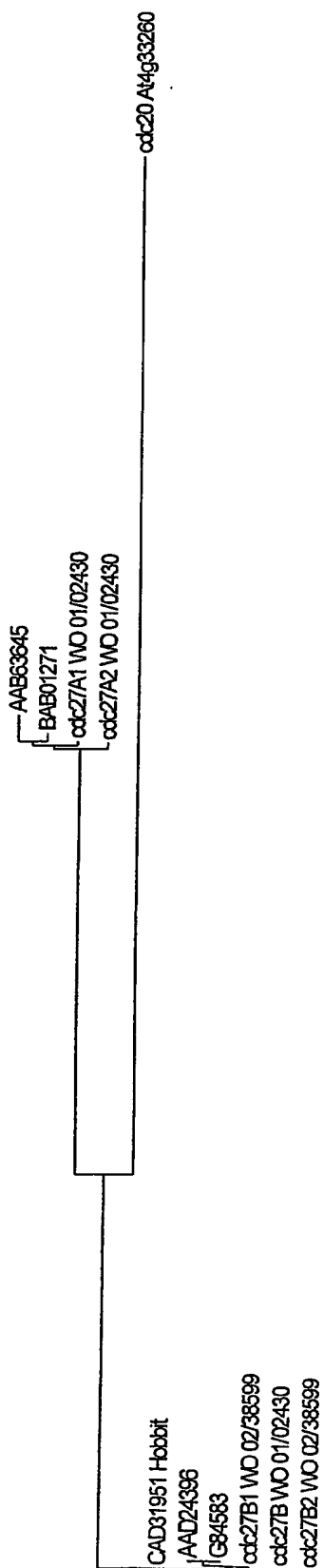


FIGURE 7

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.